Predicted TM Segments											
PHD Domain		PLITP GROTGTLRFUNGSGLHOWIKSS	EX. THE CANGE	LISP COTOTICAVHKSCLEKWL383	LLSP CLUTCTLGT INRSCLLHWL393	•	E WAP CRCRG STKWU	COVICEAT DEDDRIAE WARP CRERSTKOVHOACE ORGVDEKO -RGHST-ARVACP O	Tesikr inor	CRICOHAAASSSWLLIEP CKGT GSLQYVHQD CHKKKULQAKINGGSSLEAVTT CELE	ERTEHCE CODESDIITPEKETESLKFÜNGAÖTEQÜIKSSDTRCELIG
Accession	Number	BAA91319	AAF36360	BAB25080	XP 055276	XP_046685	BAA91173	BAB23759	BAA25523	AAH03404	AAH25394
	Mammalian	MARCH-I	MOUSE MARCH-II	MOUSE	MARCH-II	MARCH-IV	MARCH-V	MOUSE	MARCH-VI	MARCH-VII	MARCH-VIII

FIGURE 1A

Predicted TM Segments		T KO GK FG			A004G		RROTZALE	K3@A 12	K3GA 10	8CKI G	
PHD Domain		GDI CKGBEGI IDVKY CHGIGDLQY WBECLVHWIRUBG	1	Culturelignertraggargelen varsclotult isrnt	÷	i	CUI CHOPE GPLKAT CCCKGSCAV SHODEL ROULTSRAOTEALE		•	CUI CKOD Y9 IESKY CHCKNEYKV CHOKO CHKKO 10 Y3RER9CKL 6	GUI CNDV CDERBNT GGNEEYKVÜRIKCMOLÜINYSKKKEGYLÖ
Accession	Number	EDBED9									
•	Virus	BHV4-IE1	HVS-ORF12	KSHV-K3	KSHV-K5	LSDV-unnamed	MHV68-K3	Myxoma-m153R	Shope Fibroma-gp153R	Swinepox-C7L	Yaba-5L

FIGURE 1B

Predicted TM Segments				
PHD Domain		ERIGROE ATEDHPÜTPE EKERĞS IKYMÜL SELLE ÜVASKA ID ISKP GADUKÇE IĞ CRUĞRUE GAPDS	DPTORS SKDRAG QACEP LISP OKGS CTHCL PRESILENULTLESDRAGKYY CRITCHISTYND I CRITCHIS BY YEQUO ACEP LISP OKGS CTHCL PRESILENULTLESTYND I CRITCHIS BY YEQUO ACEP LISP OF THE I CRITCHIS ACEP ACEP LISP OF THE TRY OF T	UNITERADEDRALA
Accession	Number	CAA86961 T39453 NP_496302 NP_509788 NP_495728	NP_509661 NP_492502 NP_492823 NP_503022 AAD45525 NP_45624	AAF52133 AAF51424 AAF56682 NP 608725 AAF47637 AAF46341 AAF46341 AAF4637
	Other	S. cereivisiae S. pombe C. elegans C. elegans	C. C. elegans C. C. elegans C. elegans C. elegans elegans	D. melanogaster E. cuniculi

FIGURE 1C

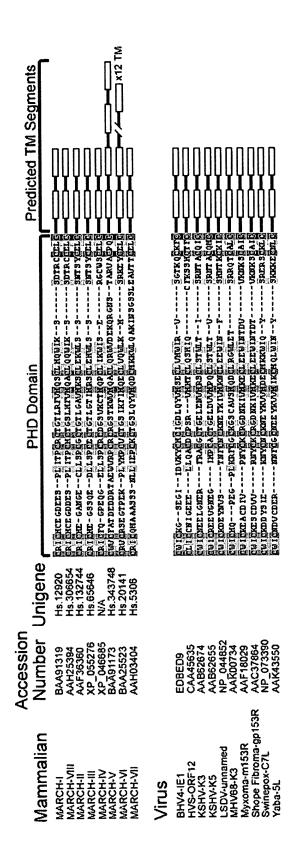


FIGURE 1D

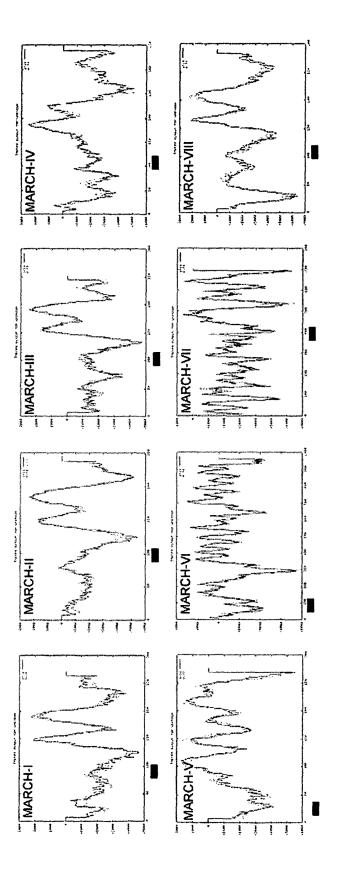


FIGURE 1E

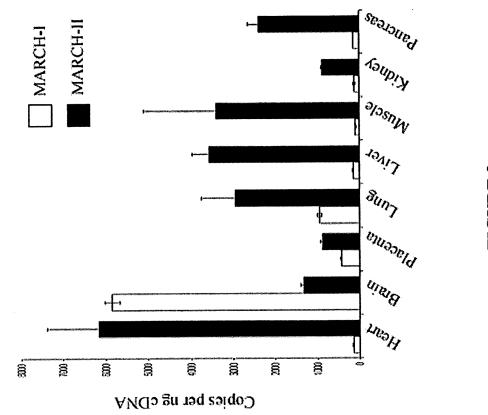


FIGURE 2

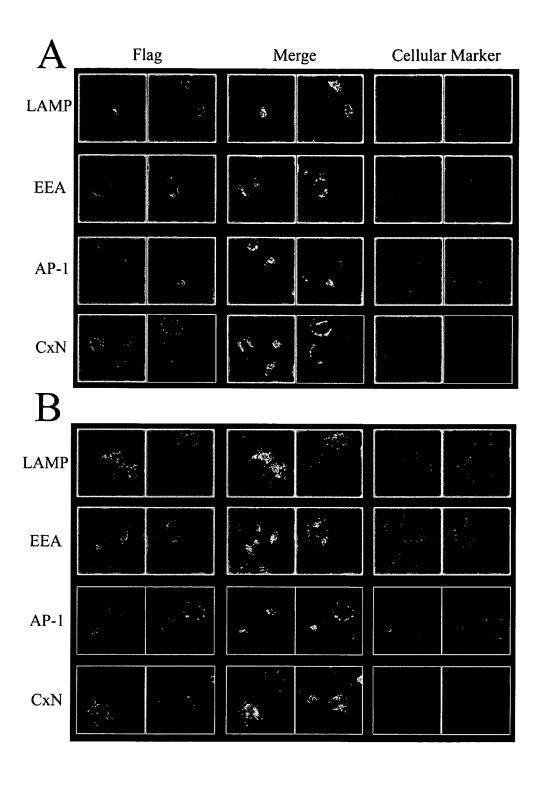
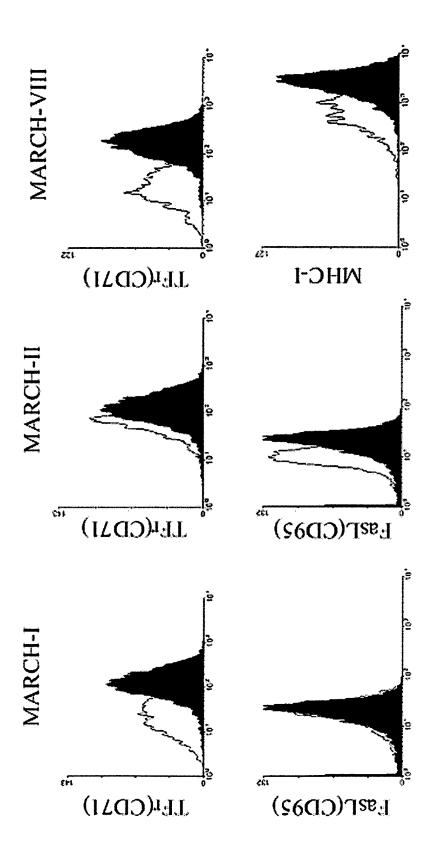


FIGURE 3



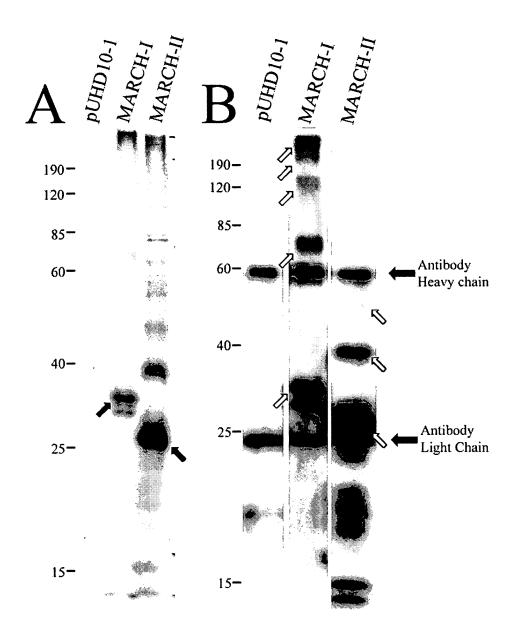


FIGURE 5

BEST AVAILABLE COPY

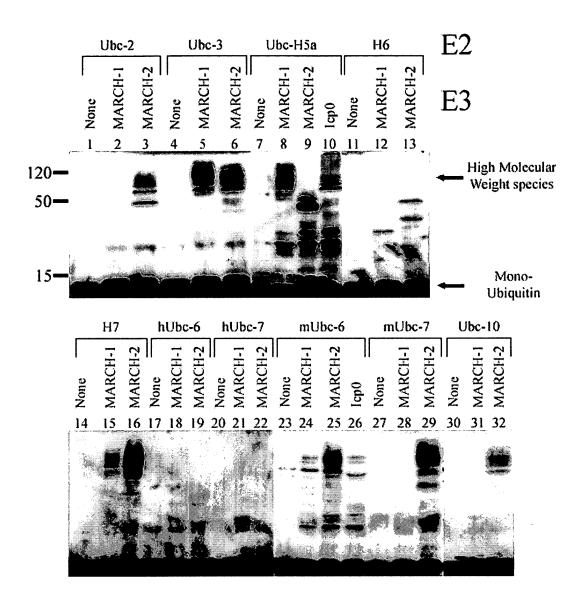


FIGURE 6

BEST AVAILABLE COPY

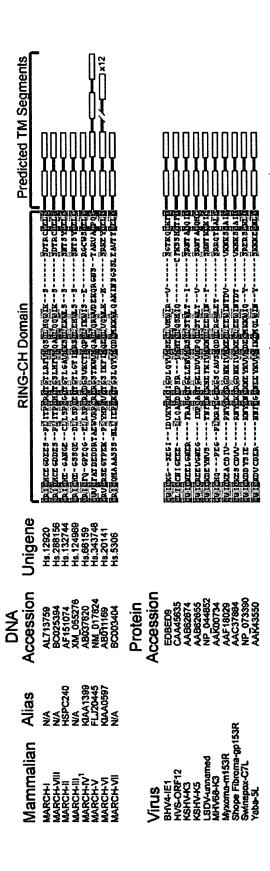


FIGURE 7A

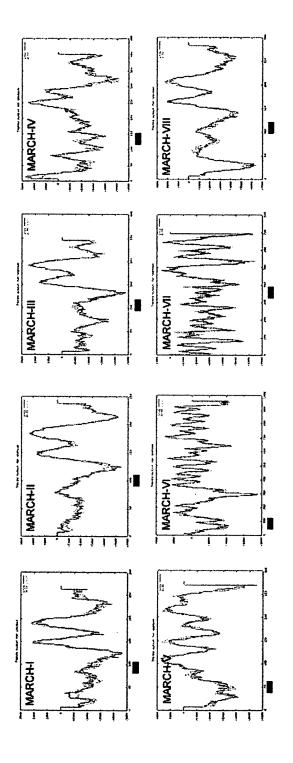
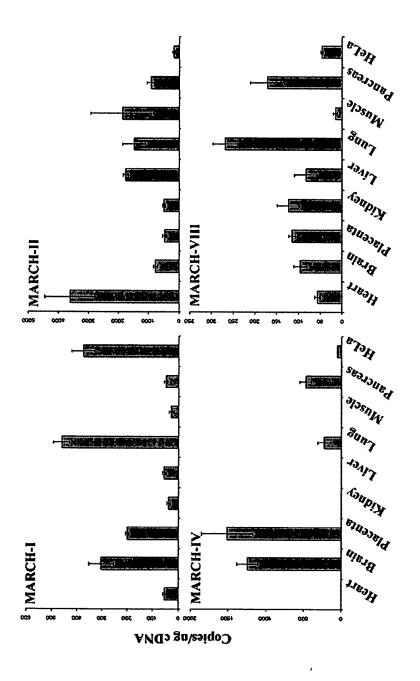


FIGURE 7B



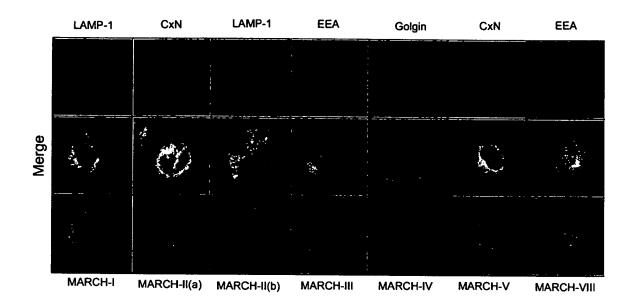


FIGURE 8

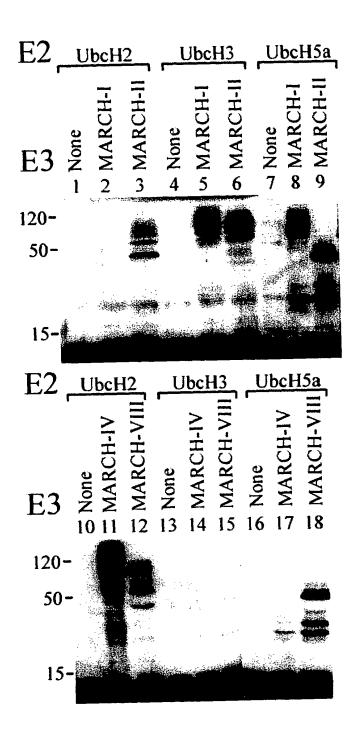


FIGURE 9

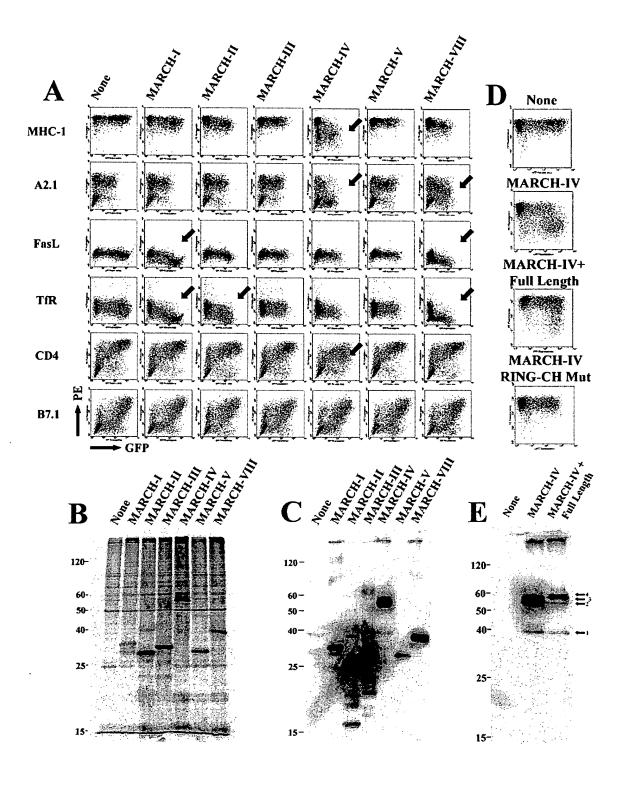


FIGURE 10

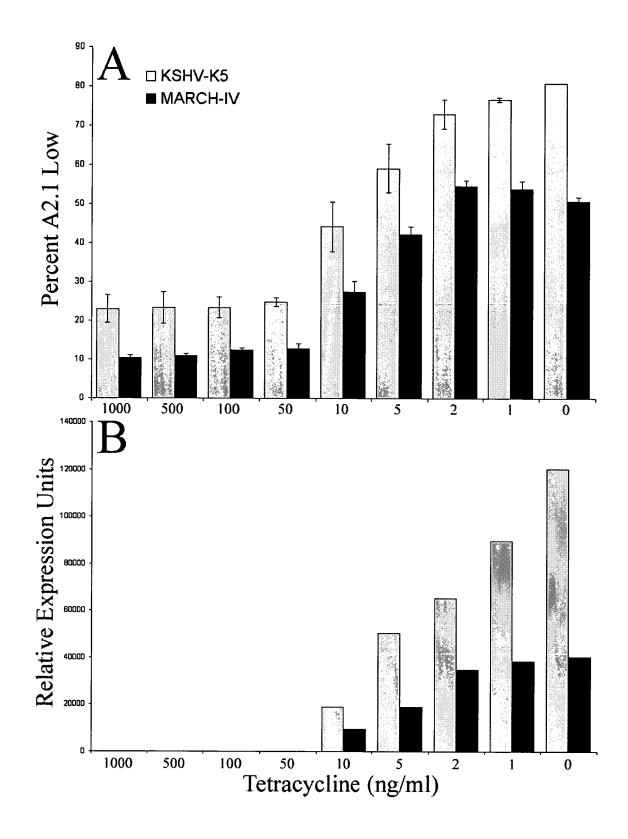


FIGURE 11

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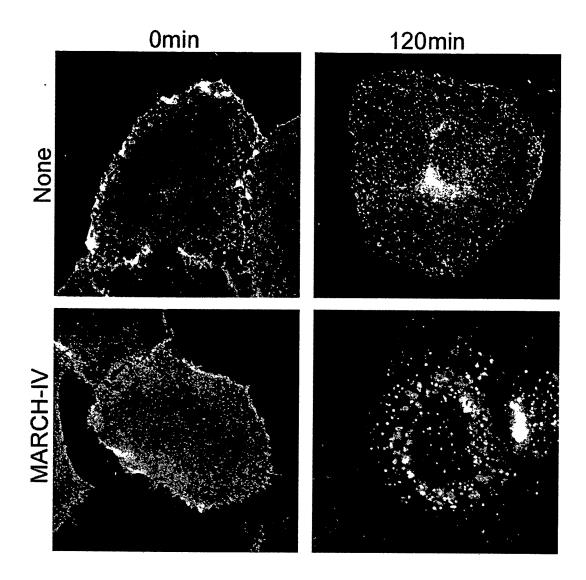


FIGURE 12A

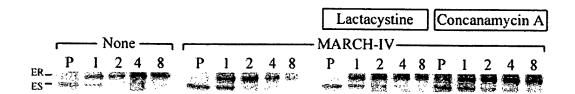


FIGURE 12B

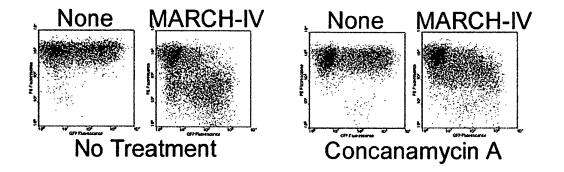


FIGURE 12C

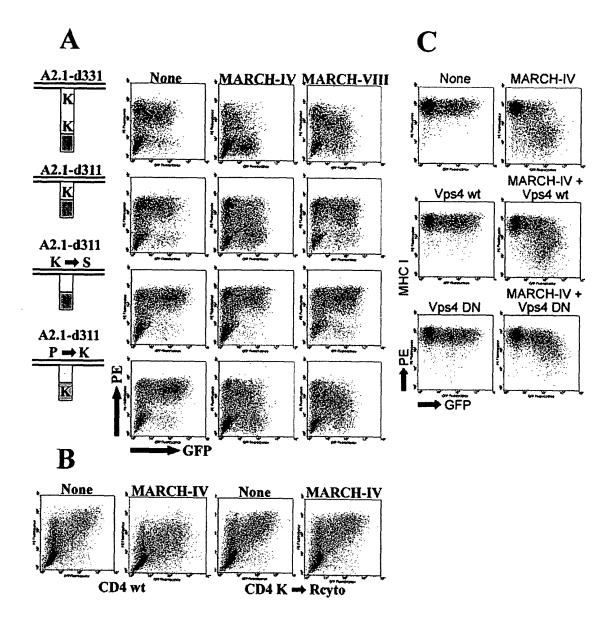


FIGURE 13